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FAX NUMBER	15712733152
FROM	Lee & Hayes
DATE	2008-07-24 00:02:13 GMT
RE	10/808,017 MS1-1888US Proposed Agenda

COVER MESSAGE

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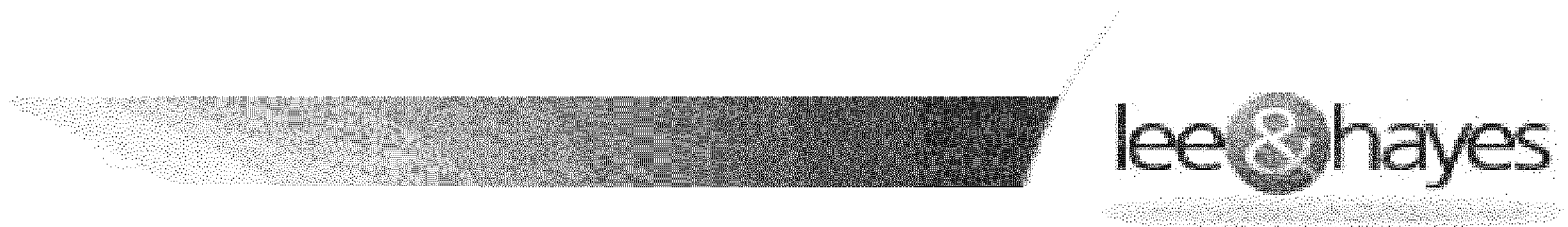
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE (USPTO)

Serial Number	10/808,017
Confirmation Number	5704
Filing Date	Mar 23, 2004
Title of Application	Bandwidth Allocation
First Named Inventor	Zihua Guo
Assignee	Microsoft Corporation
Group Art Unit	2616
Examiner	DANIEL J RYMAN
Attorney Docket Number	MS1-1888US
Nature of this Document	Informal Communication in Preparation for Scheduling an Examiner Interview

To: Examiner RYMAN
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From: John C. Meline
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Dear Examiner RYMAN:

[0001]   This communication provides an agenda for an interview of this matter. My assistant or I will be contacting you to schedule an interview. If you would prefer to schedule the interview, then please contact my assistant or me directly. Our contact info is on the signature page of this document. Thank you in advance for talking with me about this matter.

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Interview Agenda:

- Discussion of differences between the application/claims and the cited references; and

- Discussion of proposed amendments

Differences

[0002]   It does not appear to me that either of the cited reference discloses the following features of claim 1 (emphasis added):

- determining an unserviced bandwidth amount from an **immediate** previous superframe;

- updating a reserved bandwidth amount of the stream of the entity for the current superframe using a weighted average of

    o **current requested** bandwidth amount,

    o the **unserviced** bandwidth amount, and

    o a **previous reserved** bandwidth amount of the stream of the entity from the previous superframe

- In contrast, in Odman, no **immediate** previous superframe is disclosed, and no weighted average of three different bandwidth amounts is disclosed.

[0003]   It does not appear to me that either of the cited references disclose the following features of claim 24 (emphasized added):

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- **segmenting** the current requested bandwidth amounts into current **newly-arrived** bandwidth amounts and **immediate** previous unserviced bandwidth amounts associated with the multiple streams of the multiple entities

- if available bandwidth units have not been consumed in the assigning, assigning the available bandwidth units to the current newly-arrived bandwidth amounts according to **current reserved** bandwidth amounts for the multiple streams of the multiple entities **based on a smoothing factor**

Proposed Amendments

[0004]   Please see the attached Appendix of Proposed Claim Amendments. I would like to discuss your opinion regarding the proposed amendments in light of the currently cited references.

[0005]   Thank you in advance for scheduling time for this interview. I look forward to discussing this with you.

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Respectfully Submitted,

Dated: July 23, 2008   By:_____

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Appendix of Claims with Proposed Amendments

1.   (Currently Amended) One   or   more   storage   media comprising processor-executable instructions that, when executed, direct a device to perform actions comprising:

receiving from an entity a bandwidth allocation request stipulating a requested bandwidth amount for a stream of the entity for a current superframe;

determining an unserviced bandwidth amount from [[a]] an immediate previous superframe; and,

determining an allocated bandwidth amount for the stream of the entity based, at least in part, on the unserviced bandwidth amount; and a smoothing factor

updating a reserved bandwidth amount of the stream of the entity for the current superframe using a weighted average of current requested bandwidth amount, the unserviced bandwidth amount, and a previous reserved bandwidth amount of the stream of the entity from the previous superframe.

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24.   (Currently Amended) A method for bandwidth allocation, the method comprising:

receiving from multiple entities for multiple streams current bandwidth allocation requests stipulating current requested bandwidth amounts for the multiple streams of the multiple entities;

segmenting the current requested bandwidth amounts into current newly-arrived bandwidth amounts and <u>immediate</u> previous unserviced bandwidth amounts associated with the multiple streams of the multiple entities;

assigning bandwidth units to the <u>immediate</u> previous unserviced bandwidth amounts;

detecting if available bandwidth units have been consumed in the assigning; and

if available bandwidth units have not been consumed in the assigning, assigning the available bandwidth units to the current newly-arrived bandwidth amounts according to current reserved bandwidth amounts for the multiple streams of the multiple entities based on a smoothing factor.

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